



Figure S4. Overexpression of CYP2J2 mildly attenuated systolic blood pressure and increased ANP expression after Ang II infusion in AMPKα2^{+/+} mice. AMPKα2^{+/+} mice were first injected with rAA9-CYP2J2 by caudal vein for 2 weeks, and then exposed to a 14-d continuous infusion of Ang II (1mg•kg⁻¹•d⁻¹). **(A)** Dynamic systolic blood pressure (SBP) in WT mice was measured by tail-cuff method (n= 4-5 in each group). **(B)** Averaged SBP in each group. **(C) Left**, western blot analyses of protein expression of ANP in control and Ang II groups. GAPDH was used as a loading control. **Right**, the intensity of the Western blot signal was quantified and is shown as relative protein expression after normalization to GAPDH. (*P < 0.05 vs control; #P < 0.05 vs Ang II)